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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
MANISH PATEL ET AL.

Serial No.: 10/062,898

Filed: January 31, 2002

For: APPARATUS AND METHOD  
FOR SECURING INFORMATION  
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Group Art Unit: 2183

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. Sections 1.97 and 1.98, applicant and his attorney respectfully request that the following patents and publications, copies of which are attached hereto, be made of record in the official United States Patent and Trademark Office file relating to the above-identified application. The citation of these patents and publications should not be construed as an admission that they constitute statutory prior art with respect to the present invention.

U.S. Patent Nos.

- 4,975,961
- 5,165,008
- 5,293,452
- 5,522,012
- 5,526,465
- 5,675,704
- 5,687,287
- 5,839,103
- 6,119,084

Publications

Naik, J.M., "Speaker verification over long distance telephone lines",  
Proceeding ICASSP 1989 (ABSTRACT)

Naik, J.M., "Speaker verification: a tutorial",  
IEEE Communications Magazine, Vol. 28, January 1990, pp. 42-48 (ABSTRACT)

Rosenberg, A.E., et al., "Connected word talker verification using  
whole word hidden Mar Models", Acoustics, Speech, and Signal Processing,  
Vol.1, 1991, pp. 381-384 (ABSTRACT)

Sankar, A., et al, "Speaker independent vowel recognition using  
neural tree network", Neural Networks, Vol. 2, 1991, pp. 809-814 (ABSTRACT)

Chi-Shi Liu, et al., "Speaker recognition based on minimum error  
discriminative training, Acoustics, Speech and Signal Processing,  
Vol. 1, 1994, pp. 325-328 (ABSTRACT)

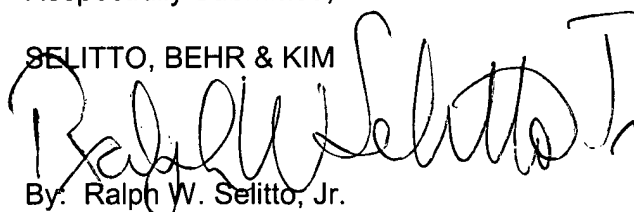
Farrell, K.R., et al., Acoustics, Speech and Signal Processing,  
Vol. 1, 1994, pp. 165-168 (ABSTRACT)

In order to facilitate the Examiner's citation of the patents and publications listed above, applicants' attorney has completed United States Patent and Trademark Office Form PTO-1449. The completed Form is attached hereto for the Examiner's convenience.

No fees are believed to be due in connection with the submission of this Information Disclosure Statement. If any such fees are due, the Examiner is hereby authorized to charge them to Deposit Account No. 19-1218.

Respectfully Submitted,

SELITTO, BEHR & KIM

  
By: Ralph W. Selitto, Jr.  
Reg. No. 26,996

203 Main Street  
Metuchen, New Jersey 08840  
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| Form PTO-1449   | U.S. Department of Commerce<br>Patent and Trademark Office | Atty. Docket No.                     | Serial No. 10/062,898 |
| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary) |  | Applicant <b>MANISH PATEL ET AL.</b> |                       |
|   |  | Filing Date <b>January 31, 2002</b>  | Group <b>2183</b>     |

## U. S. PATENT DOCUMENTS

| *Examiner Initial | Document Number  | Date     | Name             | Class | Sub-class | Filing Date If Appropriate |
|-------------------|------------------|----------|------------------|-------|-----------|----------------------------|
|                   | AA 4 9 7 5 9 6 1 | 11/04/90 | Sakoe            |       |           |                            |
|                   | AB 5 1 6 5 0 0 8 | 11/17/92 | Hermansky et al. |       |           |                            |
|                   | AC 5 5 2 2 0 1 2 | 05/28/96 | Mammone et al.   |       |           |                            |
|                   | AD 5 2 9 3 4 5 2 | 03/08/94 | Picone et al.    |       |           |                            |
|                   | AE 5 5 2 6 4 6 5 | 06/11/96 | Carey et al.     |       |           |                            |
|                   | AF 5 6 7 5 7 0 4 | 10/7/97  | Juang et al.     |       |           |                            |
|                   | AG 5 6 8 7 2 8 7 | 11/11/97 | Ganchi et al.    |       |           |                            |
|                   | AH 5 8 3 9 1 0 3 | 11/17/98 | Mammone et al.   |       |           |                            |
|                   | AI 6 1 1 9 0 8 4 | 09/12/00 | Roberts et al.   |       |           |                            |
|                   | AJ               |          |                  |       |           |                            |
|                   | AK               |          |                  |       |           |                            |

## FOREIGN PATENT DOCUMENTS

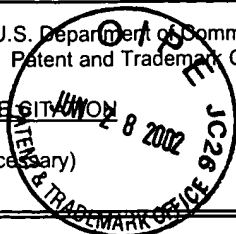
| *Examiner Initial | Document Number | Date | Name | Class | Sub-classes | Translation |
|-------------------|-----------------|------|------|-------|-------------|-------------|
|                   |                 |      |      |       |             | Yes No      |
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|                   | AM              |      |      |       |             |             |
|                   | AN              |      |      |       |             |             |
|                   | AO              |      |      |       |             |             |
|                   | AP              |      |      |       |             |             |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

|    |   |
|----|---|
| AR | Naik, J.M., "Speaker verification over long distance telephone lines",<br>Proceeding ICASSP 1989 (ABSTRACT)   |
| AS | Naik, J.M., "Speaker verification: a tutorial", IEEE Communications Magazine,<br>Vol. 28, January 1990, pp. 42-48 (ABSTRACT)  |
| AT | Rosenberg, A.E., et al., "Connected word talker verification using whole word hidden Mar<br>Models", Acoustics, Speech, and Signal Processing, Vol.1, 1991, pp. 381-384<br>(ABSTRACT) |

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| Form PTO-1449   | U.S. Department of Commerce<br>Patent and Trademark Office | Atty. Docket No.              | Serial No. 10/062,898 |
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) |  | Applicant MANISH PATEL ET AL. |                       |
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## U. S. PATENT DOCUMENTS

| *Examiner Initial |    | Document Number | Date | Name | Class | Sub-class | Filing Date If Appropriate |
|-------------------|----|-----------------|------|------|-------|-----------|----------------------------|
|                   | AA |                 |      |      |       |           |                            |
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|                   | AF |                 |      |      |       |           |                            |
|                   | AG |                 |      |      |       |           |                            |
|                   | AH |                 |      |      |       |           |                            |
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|                   | AN |                 |      |      |       |             |             |    |
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|                   | AP |                 |      |      |       |             |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

|  |    |  |   |
|--|----|--|---|
|  | AR |  | Sankar, A., et al, "Speaker independent vowel recognition using neural tree network", Neural Networks, Vol. 2, 1991, pp. 809-814 (ABSTRACT)                             |
|  | AS |  | Chi-Shi Liu, et al., "Speaker recognition based on minimum error discriminative training, Acoustics, Speech and Signal Processing, Vol. 1, 1994, pp. 325-328 (ABSTRACT) |
|  | AT |  | Farrell, K.R., et al., Acoustics, Speech and Signal Processing, Vol. 1, 1994, pp. 165-168 (ABSTRACT)  |

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